

**STATEMENT OF
COMMISSIONER DEBORAH TAYLOR TATE**

Re: Investigation of the Spectrum Requirements for Advanced Medical Technologies, Notice of Proposed Rulemaking, Notice of Inquiry, and Order.

Imagine a world in which:

- A quadriplegic can again move her arms and legs;
- A person with chronic depression never needs a pill;
- The visually impaired can see with the assistance of a microchip; and,
- An array of conditions such as Parkinson's disease, bipolar disorder, obsessive compulsive disorder, and even bulimia can be conquered with relative ease.

What once was possible only in science fiction is rapidly becoming science fact through breakthroughs occurring in biomedical engineering almost everyday.

The Commission's task in this item is about improving the quality of life. Throughout my professional career and as a lifelong community volunteer, I have tried to serve as an advocate for services which heal the body, mind, and spirit. I am glad that I have another opportunity to continue that commitment to healthier living in my role as a Commissioner.

While medical devices that use the spectrum are not a brand new concept, it is clear that greater and greater achievements lie ahead. Thus, this item is critical to ensure that we properly facilitate the promises of biomedical engineering in a manner that protects patients while still giving doctors and innovators the flexibility they need to continue to make even more stunning advances in the future.